



goal area 4 ► CONSUMPTION AND MATERIALS MANAGEMENT

KEY TAKEAWAYS

Greenhouse gas (GHG) emissions associated with local consumption, including from the production, transport, use and disposal of goods, food and services, are more than twice the total GHG emissions that physically occur inside King County's geographic borders. This goal area presents ambitious commitments to reduce GHG emissions and will:



Reduce waste



Reuse goods



Expand recycling services



Purchase sustainable goods



Update computer technology



Convert waste to energy

PERFORMANCE KEY

See Appendix for more details



Meeting or Exceeding Target



Approaching Target



Off Target



KING COUNTY SERVICE GOAL

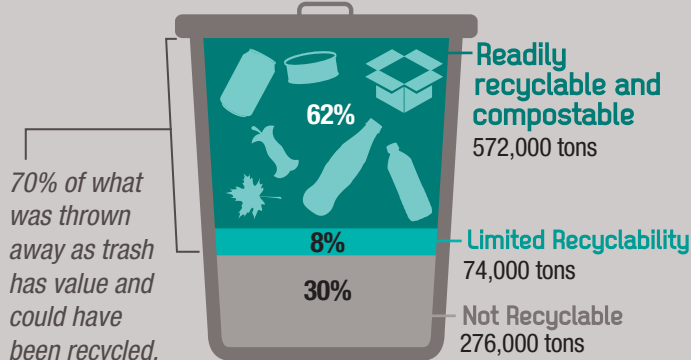
King County will encourage and support behaviors, purchasing, and waste management strategies that minimize the life-cycle impacts of consumption and materials by the community.

Recycling Rates

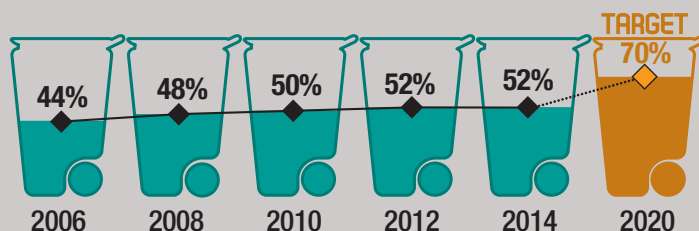
King County and K4C Target:** Zero waste of valuable resources by 2030



Waste Disposed at Cedar Hills Landfill in 2016
(baseline year)
922,000 tons



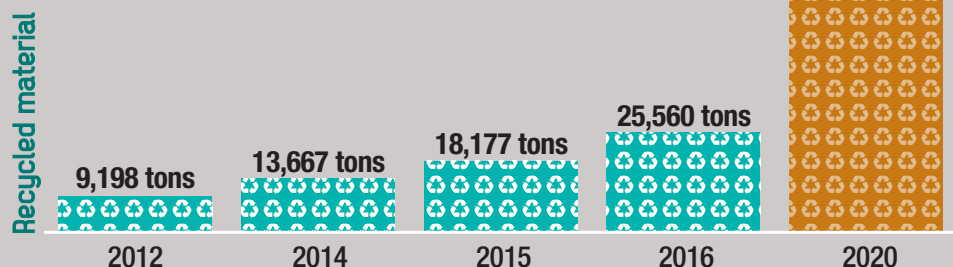
King County and K4C Target:** 70% recycling rate by 2020



GHG reduction of 1.5 million MTCO₂e* in 2013

Tons Recycled at Solid Waste Transfer Stations

Target: 60,000 tons of key materials recycled yearly by 2020



GHG reduction of 25,474 MTCO₂e* in 2015

King County increased the amount of materials recycled at transfer stations by more than 40% in 2016.

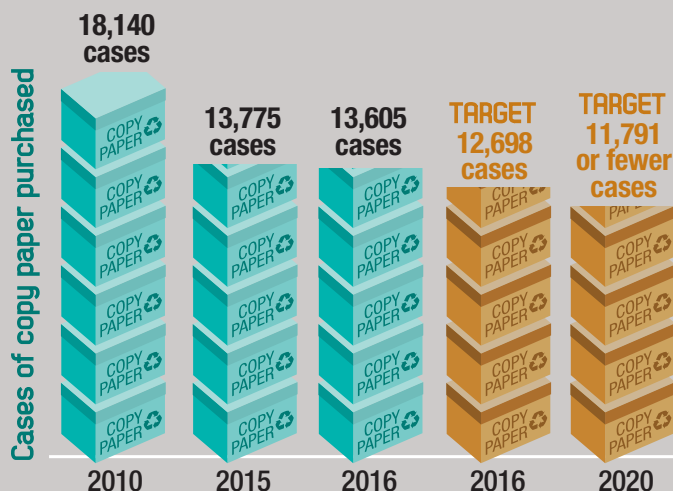


KING COUNTY OPERATIONS GOAL

King County will minimize operational resource use, maximize reuse and recycling, and choose products and services with low environmental impacts.

Total Amount of Copy Paper Purchased

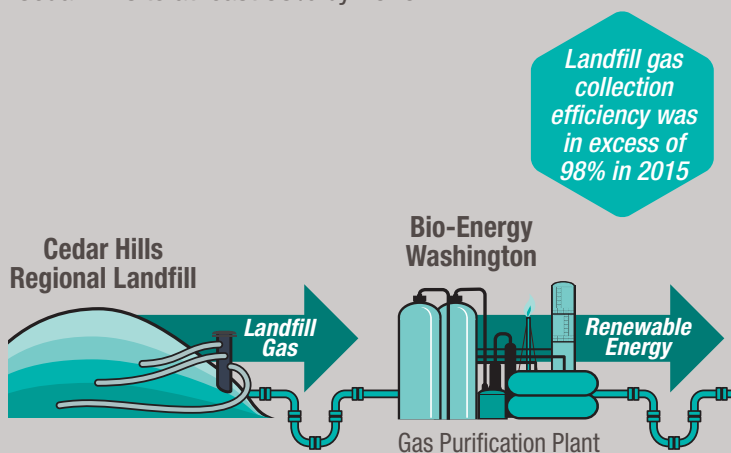
Target: Reduce copy paper usage compared to 2010:
✓ 20% by 2013 · 30% by 2016 · at least 35% by 2020



King County continued to decrease paper usage in 2016 but fell just shy of its 30% reduction target.

Landfill Gas Collection Efficiency at the Cedar Hills Regional Landfill

Target: Increase landfill gas collection efficiency at Cedar Hills to at least 98% by 2020.



Selling biogas generates \$1 - \$2 million annually for King County and equals the natural gas needs of more than 19,000 homes.